EPA Region 10 Enforcement and Compliance Assurance Division
Releasable

Date:
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CLEAR SPRINGS FOOD, INC.

CHEMICAL LOG FORM
Location: Lost River
P.O. Box 712, BUHL IDAHO 83316

Date: 31-Dec-17

Tech.	Day	Time	Effluent Flow (cfs)	Raceways or Incubators Treated	Compound Used	Flow treated (cfs)	Total Compound Used	Active Ingredient Used	units	Treatment Delivery Method	Treatment Conc. (mg/L)	Treatment Duration (min.)	Duration on Facility (min)	Est. A.I. Conc. In Effluent (µg/L)
Ra	12/1	4:00	21.36	Incubators	Parasite-S	0.70	3,785	1,400	mL	Drip	78.5	15	104	373
Ra	12/2	4:00	21.84	Incubators	Parasite-S	0.70	3,785	1,400	mL	Drip	78.5	15	101	373
Ra	12/3	4:00	21.98	Incubators	Parasite-S	0.70	3,785	1,400	mL	Drip	78.5	15	101	373
Ra	12/4	4:00	21.52	Incubators	Parasite-S	0.70	3,785	1,400	mL	Drip	78.5	15	103	373
Bs	12/4	8:00	21.52	17A	NaCl2	0.87	3,150	3,150	lb	Static	30,000.0	60	103	380,276
Ra	12/5	4:00	21.60	Incubators	Parasite-S	0.70	3,785	1,400	mL	Drip	78.5	15	102	373
Bs	12/5	8:00	21.60	18A	NaCl2	0.87	3,150	3,150	lb	Static	30,000.0	60	102	380,276
Ra	12/6	4:00	22.03	Incubators	Parasite-S	0.70	3,785	1,400	mL	Drip	78.5	15	100	373
Ra	12/7	4:00	21.73	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	102	745
Ra	12/8	4:00	21.84	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	101	745
Bs	12/8	8:00	21.84	18A	NaCl2	0.88	3,150	3,150	lb	Static	30,000.0	60	101	380,276
Ra	12/9	4:00	21.62	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	102	745
Ra	12/10	4:00	21.73	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	102	745
Ra	12/11	4:00	21.88	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	101	745
Bs	12/11	8:00	21.88	19A	NaCl2	0.88	3,150	3,150	lb	Static	30,000.0	60	101	380,276
Ra	12/12	4:00	21.52	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	103	745
Bs	12/12	8:00	21.52	20A	NaCl2	0.87	3,150	3,150	lb	Static	30,000.0	60	103	380,276
Bs	12/12	8:00	21.52	12A	NaCl	0.87	68,038	68,038	g	Flush	690.0	65	103	18,106
Bs	12/12	9:00	21.52	12A	Chloramine-T	0.87	2,253	2,253	g	Drip	10.0	60	95	651
Ra	12/13	4:00	21.78	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	102	745
Bs	12/13	8:00	21.78	13A	NaCl2	0.88	3,150	3,150	lb	Static	30,000.0	60	102	380,276
Bs	12/13	8:00	21.78	12A	NaCl	0.88	68,038	68,038	g	Flush	690.0	64	102	18,106
Bs	12/13	9:00	21.78	12A	Chloramine-T	0.88	2,283	2,283	g	Drip	10.0	60	95	651
Ra	12/14	4:00	22.08	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	100	745
Bs	12/14	8:00	22.08	12A	NaCl	0.89	68,038	68,038	g	Flush	690.0	63	100	18,106
Bs	12/14	9:00	22.08	12A	Chloramine-T	0.89	2,278	2,278	g	Drip	10.0	60	95	641
Ra	12/15	4:00	21.78	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	102	745
Ra	12/16	4:00	21.52	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	103	745
Ra	12/17	4:00	21.96	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	101	745
Ra	12/18	4:00	21.60	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	102	745
Bs	12/18	8:00	21.60	15A	NaCl	0.87	68,038	68,038	g	Flush	690.0	65	102	18,106
Bs	12/18	9:00	21.60	15A	Chloramine-T	0.87	2,253	2,253	g	Drip	10.0	60	95	648
Ra	12/19	4:00	21.64	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	102	745
Bs	12/19	8:00	21.64	7A	NaCl	0.87	68,038	68,038	g	Flush	690.0	65	102	18,106
Bs	12/19	8:00	21.64	15A	NaCl	0.87	68,038	68,038	g	Flush	690.0	65	102	18,106
Bs	12/19	9:00	21.64	7A	Chloramine-T	0.87	2,283	2,283	g	Drip	10.0	60	95	655
Bs	12/19	9:00	21.64	15A	Chloramine-T	0.87	2,283	2,283	g	Drip	10.0	60	95	655
Ra	12/20	4:00	21.60	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	102	745
Bs	12/20	8:00	21.60	7A	NaCl	0.87	68,038	68,038	g	Flush	690.0	65	102	18,106
Bs	12/20	8:00	21.60	15A	NaCl	0.87	68,038	68,038	g	Flush	690.0	65	102	18,106
Bs	12/20	9:00	21.60	7A	Chloramine-T	0.87	2,253	2,253	g	Drip	10.0	60	95	648
Bs	12/20	9:00	21.60	15A	Chloramine-T	0.87	2,253	2,253	g	Drip	10.0	60	95	648
Bs	12/20	9:00	21.60	14A	NaCl2	0.87	3,150	3,150	lb	Static	30,000.0	60	102	380,276
Ra	12/21	4:00	21.68	Incubators	Parasite-S	0.87	7,570	2,801	mL	Drip	126.3	15	102	745
Bs	12/21	8:00	21.68	7A	NaCl	0.87	68,038	68,038	g	Flush	690.0	65	102	18,106

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Date: 31-Dec-17

Tech.	Day	Time	Effluent Flow (cfs)	Raceways or Incubators Treated	Compound Used	Flow treated (cfs)	Total Compound Used	Active Ingredient Used	units	Treatment Delivery Method	Treatment Conc. (mg/L)	Treatment Duration (min.)	Duration on Facility (min)	Est. A.I. Conc. In Effluent (µg/L)
Bs	12/21	9:00	21.68	7A	Chloramine-T	0.87	2,253	2,253	g	Drip	10.0	60	95	645
Bs	12/21	9:00	21.68	15A	NaCl2	0.87	3,150	3,150	lb	Static	30,000.0	60	102	380,276
Ra	12/22	4:00	21.88	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	101	745
Ra	12/23	4:00	22.00	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	101	745
Ra	12/24	4:00	21.80	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	101	745
Ra	12/25	4:00	21.73	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	102	745
Ra	12/26	4:00	21.62	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	102	745
Bs	12/26	8:00	21.62	11A	NaCl2	0.87	3,150	3,150	lb	Static	30,000.0	60	102	380,276
Ra	12/27	4:00	21.82	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	101	745
Bs	12/27	8:00	21.82	12A	NaCl2	0.88	3,150	3,150	lb	Static	30,000.0	60	101	380,276
Bs	12/27	8:00	21.82	6A	NaCl	0.88	68,038	68,038	g	Flush	690.0	64	101	18,106
Bs	12/27	8:00	21.82	7A	NaCl	0.88	68,038	68,038	g	Flush	690.0	64	101	18,106
Bs	12/27	8:00	21.82	8A	NaCl	0.88	68,038	68,038	g	Flush	690.0	64	101	18,106
Bs	12/27	9:00	21.82	6A	Chloramine-T	0.88	2,832	2,832	g	Drip	10.0	60	95	806
Bs	12/27	9:00	21.82	7A	Chloramine-T	0.88	2,832	2,832	g	Drip	10.0	60	95	806
Bs	12/27	9:00	21.82	8A	Chloramine-T	0.88	2,832	2,832	g	Drip	10.0	60	95	806
Ra	12/28	4:00	21.88	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	101	745
Bs	12/28	8:00	21.88	6A	NaCl	0.88	68,038	68,038	g	Flush	690.0	64	101	18,106
Bs	12/28	8:00	21.88	7A	NaCl	0.88	68,038	68,038	g	Flush	690.0	64	101	18,106
Bs	12/28	8:00	21.88	8A	NaCl	0.88	68,038	68,038	g	Flush	690.0	64	101	18,106
Bs	12/28	9:00	21.88	6A	Chloramine-T	0.88	2,832	2,832	g	Drip	10.0	60	95	804
Bs	12/28	9:00	21.88	7A	Chloramine-T	0.88	2,832	2,832	g	Drip	10.0	60	95	804
Bs	12/28	9:00	21.88	8A	Chloramine-T	0.88	2,832	2,832	g	Drip	10.0	60	95	804
Ra	12/29	4:00	22.01	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	100	745
Bs	12/29	8:00	22.01	6A	NaCl	0.89	68,038	68,038	g	Flush	690.0	64	100	18,106
Bs	12/29	8:00	22.01	7A	NaCl	0.89	68,038	68,038	g	Flush	690.0	64	100	18,106
Bs	12/29	8:00	22.01	8A	NaCl	0.89	68,038	68,038	g	Flush	690.0	64	100	18,106
Bs	12/29	9:00	22.01	6A	Chloramine-T	0.89	2,832	2,832	g	Drip	10.0	60	95	799
Bs	12/29	9:00	22.01	7A	Chloramine-T	0.89	2,832	2,832	g	Drip	10.0	60	95	799
Bs	12/29	9:00	22.01	8A	Chloramine-T	0.89	2,832	2,832	g	Drip	10.0	60	95	799
Ra	12/30	4:00	22.01	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	100	745
Ra	12/31	4:00	22.01	Incubators	Parasite-S	0.70	7,570	2,801	mL	Drip	157.0	15	100	745
				CLEAR SPRINGS FOOD, INC.										

WRITTEN REPORT FOR MEDICATED AND EXTRALABEL DRUG USE

Facility Name: Lost River Brood Station

NPDES Permit Number: IDG130073

Date this written report will be submitted to the permitting authority on or before: January 20,2018

Month of December 1st thru 31th 2017

Name of Drug & Reason for Use	Pond #		Date & Time of Application (start date/time - End date/time)				Days of Duration in Current Month	Method of Application	Total Amount of Active Ingredient Added	Total Volume (ml) of Oxytetracycline	Total Pounds of Medicated Feed Added
	FROM	TO									
Oxytetracycline[1] - For control of bacterial infections in rainbow trout	13A (24499)	13A (24499)	11/27/17	8:00 AM	12/06/17	5:00 PM	6	Medicated Feed	10 g/lb as partial ration		90
Oxytetracycline[1] - For control of bacterial infections in rainbow trout	11A (25776)	11A (25776)	12/01/17	8:00 AM	12/10/17	5:00 PM	10	Medicated Feed	10 g/lb as partial ration		172
Oxytetracycline[1] - For control of bacterial infections in rainbow trout	6A (26017)	6A (26017)	12/29/17	8:00 AM	01/07/18	5:00 PM	3	Medicated Feed	10 g/lb as partial ration		30
Oxytetracycline[1] - For control of bacterial infections in rainbow trout	7A (26047)	7A (26047)	12/29/17	7:00 AM	01/07/18	5:00 PM	3	Medicated Feed	10 g/lb as partial ration		27
Oxytetracycline[1] - For control of bacterial infections in rainbow trout	8A (26122)	8A (26122)	12/29/17	8:00 AM	01/07/18	5:00 PM	3	Medicated Feed	10 g/lb as partial ration		21
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	2A (19270)	15A (25853)	12/07/17	8:00 AM	12/07/17	5:00 PM	1	IP Injection	200 mg/ml	15.8	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	3A (19408)	15A (25853)	12/07/17	8:00 AM	12/07/17	5:00 PM	1	IP Injection	200 mg/ml	31.8	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	4A (19583)	15A (25853)	12/07/17	8:00 AM	12/07/17	5:00 PM	1	IP Injection	200 mg/ml	30.0	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	5A (19770)	15A (25853)	12/07/17	8:00 AM	12/07/17	5:00 PM	1	IP Injection	200 mg/ml	23.4	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	1A (20906)	16A (26092)	12/07/17	8:00 AM	12/07/17	5:00 PM	1	IP Injection	200 mg/ml	25.8	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	2A (19270)	16A (26092)	12/07/17	8:00 AM	12/07/17	5:00 PM	1	IP Injection	200 mg/ml	11.2	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	1A (20906)	16A (26092)	12/14/17	8:00 AM	12/14/17	5:00 PM	1	IP Injection	200 mg/ml	13.8	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	2A (19270)	16A (26092)	12/14/17	8:00 AM	12/14/17	5:00 PM	1	IP Injection	200 mg/ml	14.2	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	3A (19408)	16A (26092)	12/14/17	8:00 AM	12/14/17	5:00 PM	1	IP Injection	200 mg/ml	19.0	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	4A (19583)	16A (26092)	12/14/17	8:00 AM	12/14/17	5:00 PM	1	IP Injection	200 mg/ml	10.8	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	5A (19770)	16A (26092)	12/14/17	8:00 AM	12/14/17	5:00 PM	1	IP Injection	200 mg/ml	10.8	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	1A (20906)	16A (26092)	12/21/17	8:00 AM	12/21/17	5:00 PM	1	IP Injection	200 mg/ml	10.0	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	2A (19270)	16A (26092)	12/21/17	8:00 AM	12/21/17	5:00 PM	1	IP Injection	200 mg/ml	7.4	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	3A (19408)	16A (26092)	12/21/17	8:00 AM	12/21/17	5:00 PM	1	IP Injection	200 mg/ml	10.6	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	4A (19583)	16A (26092)	12/21/17	8:00 AM	12/21/17	5:00 PM	1	IP Injection	200 mg/ml	13.2	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	5A (19770)	16A (26092)	12/21/17	8:00 AM	12/21/17	5:00 PM	1	IP Injection	200 mg/ml	8.0	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	1A (20906)	16A (26092)	12/28/17	8:00 AM	12/28/17	5:00 PM	1	IP Injection	200 mg/ml	7.6	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	2A (19270)	16A (26092)	12/28/17	8:00 AM	12/28/17	5:00 PM	1	IP Injection	200 mg/ml	4.2	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	3A (19408)	16A (26092)	12/28/17	8:00 AM	12/28/17	5:00 PM	1	IP Injection	200 mg/ml	9.0	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	4A (19583)	16A (26092)	12/28/17	8:00 AM	12/28/17	5:00 PM	1	IP Injection	200 mg/ml	8.2	
Oxytetracycline[2] - For control of bacterial infections in rainbow trout	5A (19770)	16A (26092)	12/28/17	8:00 AM	12/28/17	5:00 PM	1	IP Injection	200 mg/ml	6.6	

[1] Oxytetracycline: Prescribing Veternarian: Stephen Reichley, D.V.M. Date of VFD: 11/20/2017 (13A)
[1] Oxytetracycline: Prescribing Veternarian: Stephen Reichley, D.V.M. Date of VFD: 11/27/2017 (11A)
[1] Oxytetracycline: Prescribing Veternarian: Stephen Reichley, D.V.M. Date of VFD: 12/28/2017 (6A)
[1] Oxytetracycline: Prescribing Veternarian: Stephen Reichley, D.V.M. Date of VFD: 12/28/2017 (7A)
[1] Oxytetracycline: Prescribing Veternarian: Stephen Reichley, D.V.M. Date of VFD: 12/28/2017 (8A)

[2] Oxytetracycline: Prescribing Veternarian: John Hoeck, D.V.M. Date of Prescription: 08/02/2017

Material Safety Data Sheets (MSDS) have been provided each month through September 2000. After 2000 MSDS sheets were not routinely provided. On March 2004 they were updated. MSDS sheets will continue to be provided when a change is made or periodic updates are made.

Veterinarian prescriptions also have not changed but were updated in March 2004. New or updated prescriptions will be provided in the month they are changed or as they are periodically updated. Any new extra-label uses under veterinary prescription will be reported as per NPDES permit requirements.

John R. MacMillan, Ph.D.
Vice President

ANNUAL REPORT OF OPERATIONS FOR YEAR 2017

Idaho Aquaculture Permit

I. Facility Name:	**Lost River Brood Station**	**NPDES # IDG130073**
Operator Name (*Permittee*):	**Clear Springs Foods Inc.**	**Phone: (208) 735 - 3773**
Address:	**5795 W 5000 North** **Mackay, Idaho 83251**	**Fax: (208) 543 - 4146** **E-Mail:** **randy.macmillan@clearsprings.com**
Owner Name (*if different from operator*):		**Phone: (208) 543 - 3456**

II. Annual Production:	***Harvestable weight produced in the year***	***(see attachment A)***	**pounds**
III. Food Used:	***Number of pounds of food fed to the fish during the maximum month***	***4825***	**pounds**

IV. Noncompliance Summary:

Include description & dates of noncompliance, the reason for such incident, and the steps taken to correct the problem. Attach additional pages, if necessary.

There were no periods of noncompliance in 2017

V. Best Management Practices (BMP) Plan

BMP Plan has been reviewed this year.	**X *Yes***	***No***
BMP Plan fulfills the requirements set forth in the permit:	**X *Yes***	***No***

Summarize changes in the BMP Plan since last annual report:

The BMP was updated to reflect changes to feed manufacturing.

VI. Land application of solids and/or irrigation with wastewater

Attach Maps of Application Sites. **(Note: IDAPA 58.01.02.650 requires IDEQ approval for solids disposal on land)**

Date	Location and Acreage of Application	Solids Applied in Cubic Yards or Pounds	Wastewater Applied in Gallons
	No FFSB Harvest In 2017		
	Yearly Total		0

VII. Offline Settling Basin Discharge Frequency (*generally*)

__N/A____# hours/day___N/A___# days/wk___N/A__# months/year or Other: N/A= Not Applicable

This facility runs full flow settling basins

VIII. Chemical Usage (including pesticides and drugs)

Chemical	Date or # days used	Maximum concentration in effluent (actual or estimated)
Parasite-S	195	745 µg/L (Estimated)
Chloromine - T	42	806 µg/L (Estimated)
Salt (NaCl)	57	527,777 µg/L (Estimated)
Oxytetracycline Injected	38	0 µg/L (Estimated)
Terramycin Medicated Feed	171	0 µg/L (Estimated)

IX. Fish Importation, Transport, and Release Permits

Number of permits issued by Idaho Department of Fish and Game during the year:_____0_____
For which species?

X. Inspections and Repairs for production and wastewater treatment systems

Date Inspected	Date Repaired	Description of system inspected and/or repaired
10/3/2017 10/3/2017	10/3/2017	IDWR on site calibration of both flow meters. No Other Corrective Action Needed

XI. Signature & Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure the qualified personnel properly gather and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature: John R MacMillan	***Title/Company:*** Vice President Clear Springs Foods
Print Name: John R. MacMillan	***Date:*** 1/11/18

Attachment A

CONFIDENTIAL BUSINESS INFORMATION

The Lost River Brood Station is an egg production facility. We receive brood replacement fish from Clear Springs Foods, Snake River Brood Farm in Buhl, Idaho annually as 18 month old fish. The fish remain on site producing our product, Eyed Eggs, for a period of 4 years. During this time mortality averages 20%. Therefore, by the end of the usuable life of the fish there are few remaining. These fish are released to IDFG to provide fishing opportunity for anglers
We do not harvest fish in any manner consistent with our production facilities.
We did harvest and sent to our production facilities 23,379,213 million eyed eggs in 2017.